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Dated: 7-17-06 Signature: Maura A. Gallagher
(Maura A. Gallagher)

Docket No.: BBNT-P01-015
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Pearson et al.

Application No.: 10/799177

Confirmation No.: 8150

Filed: March 12, 2004

Art Unit: 2661

For: SYSTEMS AND METHODS FOR
IMPLEMENTING ROUTING PROTOCOLS
AND ALGORITHMS FOR QUANTUM
CRYPTOGRAPHIC KEY TRANSPORT

Examiner: Not Yet Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-015.

Dated: July 17, 2006

Respectfully submitted,

By 

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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/799177
				Filing Date	March 12, 2004
				First Named Inventor	David S. Pearson
				Art Unit	2661
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	BBNT-P01-015

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-2003/0231771-A1	12-18-2003	Gisin et al.	
	AB	US-5,729,608	03-17-1998	Janson et al.	
	AC	US-6,052,465	04/2000	Gotoh et al.	
	AD	US-6,160,651	12-12-2000	Chang et al.	
	AE	US-6,778,557	08/2004	Yuki et al.	
	AF	US-6,895,092	05-17-2005	Tomita	
	AG	US-6,519,062	02-2003	Yoo, Sung-Joo	
	AH	US-6,145,024	11-2000	Maezawa et al.	
	AI	US-6,647,010	11-2003	Ford et al.	
	AJ	US-6,799,270	09-2004	Bull et al.	
	AK	US-5,307,410	04-1994	Bennett	
	AL	US-2004/0165884	08-2004	Al-Chalabi, Salah	
	AM	US-6,594,055	07-2003	Snawerdt, Peter	
	AN	US-4,770,535	09-1988	Kim et al.	
	AO	US-2004/0190725	09-2004	Yuan et al.	
	AP	US-5,515,438	05-1996	Bennett et al.	
	AQ	US-5,720,608	03-1998	Janson et al.	
	AR	US-6,151,586	11-2000	MacDonald et al.	
	AS	US-6,188,768	02-2001	Bethune et al.	
	AT	US-6,289,104	09-2001	Patterson et al.	
	AU	US-6,378,072	04-2002	Collins et al.	
	AV	US-6,539,410	03-2003	Klass, Michael Jay	
	AW	US-6,801,626	10-2004	Nambu, Yoshihiro	
	AX	US-6,986,056	01-2006	Dultz et al.	
	AY	US-7,035,411	04-2006	Azuma et al.	
	AZ	US-2002/0025041	02-2002	Tomita, Akihisa	
	AA1	US-2003/0002074	01-2003	Nambu et al.	
	AB1	US-2003/0059157	03-2003	DeCusalis et al.	
	AC1	US-2004/0005056	01-2004	Nishioka et al.	
	AD1	US-2004/0008843	01-2004	Van Enk, Steven J.	
	AE1	US-2002/0141019	10-2002	Chang et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/799177
				Filing Date	March 12, 2004
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				Art Unit	2661
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	BBNT-P01-015

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Bennett, C.H., "Quantum Cryptography Using Any Two Nonorthogonal States," Physical Review Letters, 68(21):3121-3124 (1992).	
	CB	Bennett, C.H., et al., "Experimental Quantum Cryptography," J. Cryptology, 5:3-28 (1992).	
	CC	Butler, W.T., et al. "Free space quantum-key distribution," Physical Review A, 57(4):2379-2382 (April 1998).	
	CD	Jacobs, B.C., et al., "Quantum cryptography in free space," Optics Letters, 21(22):1854-1856 (November 1996).	
	CE	Bethune, D.S., et al., "An Autocompensating Fiber-Optic Quantum Cryptography System Based on Polarization Splitting of Light, IEEE Journal of Quantum Electronics, 36(3):340-347 (2000).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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